

TASK	GIT COMMAND	DESCRIPTION
Configure Git	<code>git config</code>	Let's you configure the setting of git. For a list of what you can configure use <code>-h</code> or for the manual use <code>--help</code> after the command.
	<code>git config --global user.name "JohnSmith"</code>	Sets your git username. Beware the <code>--global</code> option will set this to be the username for your entire machine
	<code>git config --global user.email j.smith@email.com</code>	Configure your global email address
	<code>git config --list</code>	List the configuration settings in the current directory
Clone a remote repository	<code>git clone https://github.com/host/repo_name</code>	Copy the repository from a remote server using the <code>https</code> url
	<code>git clone git@github.com:JohnSmith/repo_name</code>	Clone using <code>ssh</code>
Create a new local repository	<code>git init</code>	Initialise a local repository in the current directory
Connect to remote repository	<code>git remote add origin server_name</code>	Connect your local repository to a remote server. The remote server will be either the <code>https</code> url or <code>ssh</code> to the GitHub repository
List remote repositories	<code>git remote -v</code>	Lists the remote repositories which are currently configured
Current status	<code>git status</code>	Lists the files that differ from the remote and any changes that need to be added or pushed
Add file	<code>git add file_name</code>	Adds the file to staging
	<code>git add *</code>	Adds all files to staging
Commit	<code>git commit -m "Commit message"</code>	Commits changes to the head (not to remote repository)
Push to remote	<code>git push origin master</code>	Send the local changes to the master branch in the remote repository
	<code>git push origin branch_name</code>	Send the local changes to a branch in the remote repository
Pull from remote	<code>git pull</code>	Fetch and merge changes from the remote repository to the current working directory
Conflicts between remote and local	<code>git diff</code>	Prints the additions and deletions to the remote files which are in the local directory
Branches	<code>git branch</code>	Lists all the branches in the current repository and highlights which branch you are currently in
	<code>git checkout branch_name</code>	Change current branch to <code>branch_name</code>
	<code>git branch -b branch_name</code>	Make a new branch and change to it
	<code>git branch -d branch_name</code>	Delete the branch <code>branch_name</code>
Reset to remote repository	<code>git reset --hard origin/master</code>	WARNING! This command removes all of the local changes and commits effectively deleting the local repository and cloning the remote repository again - work can be lost!